

Form PTO-1449 (modified)

Atty. Docket No.  
INRP:067USD1Serial No.  
09/941,296

List of Patents and Publications for Applicant's

INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

Applicant  
Zheng Wu  
Shuyuan ZhangFiling Date:  
August 28, 2001Group:  
1645U.S. Patent Documents  
See Page 1Foreign Patent Documents  
See Page 1Other Art  
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## U.S. Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Name	Class	Sub Class	Filing Date of App.
22	A17	6,383,795	05/07/02	Carrión et al.	435	239	04/22/99
22	A18	6,689,600	02/10/04	Wu et al.	435	235.1	11/16/99

## Foreign Patent Documents

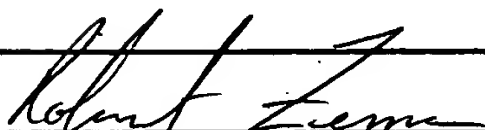
Exam. Init.	Ref. Des.	Document Number	Date	Country	Class	Sub Class	Translation Yes/No
22	B27	WO 00/32754	06/08/00	WIPO			English

## Other Art (Including Author, Title, Date Pertinent Pages, Etc.)

Exam. Init.	Ref. Des.	Citation
22	C127	Cartwright, T., <u>Animal cells as bioreactors</u> , In: Cambridge Studies in Biotechnology, Cambridge University Press, No. 11:58-63, 1994.

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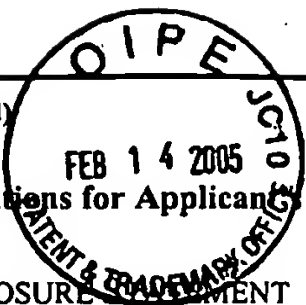
INFORMATION DISCLOSURE STATEMENT — PTO-1449 (MODIFIED)

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Atty. Docket No.

INRP:067USD1

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09/441,410

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Shuyuan Zhang

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Exam. Init.	Ref. Des.	Document Number	Date	Name	Class	Sub Class	Filing Date of App.
RZ	A15	2002/0018723	2/14/02	Mera <i>et al.</i>	417	222.2	8/03/01
RZ	A16	6,168,944	1/02/01	Condon <i>et al.</i>	435	239	1/28/98

## Foreign Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Country	Class	Sub Class	Translation Yes/No
RZ	B24	WO 95/06743	3/09/95	WIPO			English
RZ	B25	WO 96/09399	3/28/96	WIPO			English
RZ	B26	WO 00/32754	6/08/00	WIPO			English

## Other Art (Including Author, Title, Date Pertinent Pages, Etc.)

Exam. Init.	Ref. Des.	Citation
RZ	C126	Haruna <i>et al.</i> , "Separation of adenovirus by chromatography on DEAE-cellulose," Virology, 13:264-267, 1961.

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R2	A5	4,352,883	10/05/82	Lim	435	178	3/28/79
	A6	4,725,547	2/16/88	Sakamoto <i>et al.</i>	435	239	8/9/85
	A7	5,607,851	3/4/97	Pellegrini <i>et al.</i>	435	236	7/18/94
	A8	5,744,304	4/28/98	Munford	435	6	5/30/95
	A9	5,837,520	11/17/98	Shabram <i>et al.</i>	435	239	3/07/95
	A10	6,143,290	11/07/00	Zhang <i>et al.</i>	424	93.2	4/07/94
	A11	6,194,210	2/27/01	Leu and Seifert	435	403	4/17/96
	A12	6,485,958	11/26/02	Blanche <i>et al.</i>	435	239	12/16/98
	A13	6,537,793	3/25/03	Blanche <i>et al.</i>	435	239	6/14/01
R2	A14	6,586,226	7/1/03	Carrion <i>et al.</i>	435	239	11/30/01

## Foreign Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Country	Class	Sub Class	Translation Yes/No
R2	B13	4-9338	1/14/92	Japan			ABSTRACT
	B14	EP 0475623	3/18/92	Europe			
	B15	WO 93/25224	12/23/93	PCT			
	B16	WO 94/06910	3/31/94	PCT			
	B17	WO 95/25789	9/28/95	PCT			
	B18	WO 96/27677	09/12/96	PCT			
	B19	WO 97/04803	2/13/97	PCT			
	B20	WO 97/08298	3/06/97	PCT			
	B21	WO 98/00524	1/08/98	PCT			
R2	B22	WO 98/26048	6/18/98	PCT			

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R2	B23	WO 99/54441	10/28/99	PCT			

**Other Art (Including Author, Title, Date Pertinent Pages, Etc.)**

Exam. Init.	Ref. Des.	Citation
R2	C30	Aboud <i>et al.</i> , "Rapid purification of extracellular and intracellular moloney murine leukemia virus," <i>Arch. Virol.</i> , 71:185-195, 1982.
	C31	Baichwal and Sugden, <i>In: Kucherlapati R, ed. Gene transfer. New York: Plenum Press, 117-148, 1986.</i>
	C32	Benvenisty and Reshef, "Direct introduction of genes into rats and expression of the genes," <i>Proc. Nat'l Acad. Sci. USA</i> , 83:9551-9555, 1986.
	C33	Berg <i>et al.</i> , "High-level expression of secreted proteins from cells adapted to serum-free suspension culture," <i>BioTechniques</i> , 14(6):972-978, 1993.
	C34	Bett, "An efficient and flexible system for construction of adenovirus vectors with insertions or deletions in early regions 1 and 3," <i>Proc. Natl. Acad. Sci. USA</i> , 91(19):8802-8806, 1994.
	C35	Bussemakers <i>et al.</i> , "Decreased expression of E-cadherin in the progression of rat prostatic cancer," <i>Cancer Res.</i> , 52:2916-2922, 1992.
	C36	Cartwright, "Fermenter design for animal cell cultures," <i>Animal Cells as Bioreactors</i> , Cambridge University Press, 58-63, 1994.
	C37	Casey <i>et al.</i> , "Growth suppression of human breast cancer cells by the introduction of a wild-type p53 gene," <i>Oncogene</i> , 6:1791-1797, 1991.
	C38	Chen and Okayama, "High-efficiency transfection of mammalian cells by plasmid DNA," <i>Mol. Cell Biol.</i> , 7:2745-2752, 1987.
	C39	Cheung <i>et al.</i> , "Cell-CAM105 isoforms with different adhesion functions are coexpressed in adult rat tissues and during liver development", <i>J. Biol. Chem.</i> , 268:6139-6146, 1993.
R2	C40	Cheung <i>et al.</i> , "The cytoplasmic domain of C-CAM is required for C-CAM-mediated adhesion function: studies of a C-CAM transcript containing an unspliced intron", <i>Biochem. J.</i> , 295:427-435, 1993.

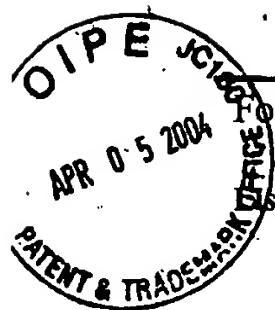
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**Other Art (Including Author, Title, Date Pertinent Pages, Etc.)**

Exam. Init.	Ref. Des.	Citation
<i>22</i>	C41	Coffin, "Retroviridae and their replication," <i>In: Virology</i> , Fields <i>et al.</i> (eds.), New York: Raven Press, pp. 1437-1500, 1990.
	C42	Complaint Aventis Pharmaceuticals Products Inc. and Aventis Pharma, S.A., Plaintiffs, v. Introgen Therapeutics, Inc., Defendant. Civil Action No. 01-451 from the U.S. District Court for the District of Delaware, June 29, 2001.
	C43	Coupar <i>et al.</i> , "A general method for the construction of recombinant vaccinia virus expressing multiple foreign genes," <i>Gene</i> , 68:1-10, 1988.
	C44	Crooks <i>et al.</i> , "Purification and analysis of infectious virions and native non-structural antigens from cells infected with tick-borne encephalitis virus," <i>J. Chrom.</i> , 502:59-68, 1990.
	C45	Dubensky <i>et al.</i> , "Direct transfection of viral and plasmid DNA into the liver or spleen of mice," <i>Proc. Nat. Acad. Sci. USA</i> , 81:7529-7533, 1984.
	C46	Edelman and Crossin, "Cell adhesion molecules: implications for a molecular histology," <i>Annu. Rev. Biochem.</i> , 60:155-190, 1991.
	C47	Edelman, "Cell adhesion and the molecular processes of morphogenesis," <i>Annu. Rev. Biochem.</i> , 54:135-169, 1985.
	C48	Fechheimer <i>et al.</i> , "Transfection of mammalian cells with plasmid DNA by scrape loading and sonication loading," <i>Proc. Nat'l Acad. Sci. USA</i> , 84:8463-8467, 1987.
	C49	Fraley <i>et al.</i> , "Entrapment of a bacterial plasmid in phospholipid vesicles: Potential for gene transfer," <i>Proc. Nat'l Acad. Sci. USA</i> , 76:3348-3352, 1979.
	C50	Freshney, "Animal Cell Culture: a Practical Approach," Second Edition, Oxford/New York, IRL Press, Oxford University Press, 1992.
	C51	Frixen <i>et al.</i> , "E-cadherin-mediated cell-cell adhesion prevents invasiveness of human carcinoma cells," <i>J. Cell Biol.</i> , 113:173-185, 1991.
	C52	Garnier <i>et al.</i> , "Scale-up of the adenovirus expression system for the production of recombinant protein in human 293S cells," <i>Cytotechnol.</i> , 15:145-155, 1994.
<i>8</i>	C53	Ghosh and Bachhawat, <i>In: Liver Diseases, Targeted Diagnosis and Therapy Using Specific Receptors and Ligands</i> , Wu G, Wu C (ed.), Marcel Dekker, New York, 87-104, 1991.
<i>22</i>	C54	Giancotti and Ruoslahti, "Elevated levels of the $\alpha_5\beta_1$ fibronectin receptor suppress the transformed phenotype of Chinese hamster ovary cells," <i>Cell</i> , 60:849-859, 1990.

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## Other Art (Including Author, Title, Date Pertinent Pages, Etc.)

Exam. Init.	Ref. Des.	Citation
12	C55	Gilbert, "Adaptation of cells to serum free culture for production of adenovirus vectors and recombinant proteins," <i>Williamsburg BioProcessing Conference</i> , Nov. 18-21, 1996.
	C56	Gopal, "Gene transfer method for transient gene expression, stable transfection, and cotransfection of suspension cell cultures," <i>Mol. Cell Biol.</i> , 5:1188-1190, 1985.
	C57	Graham and Prevec, "Manipulation of adenovirus vectors," <i>In: Methods in Molecular Biology: Gene Transfer and Expression Protocols 7</i> , (Murray, Ed.), Humana Press, Clifton, NJ, 109-128, 1991.
	C58	Graham and Van Der Eb, "A new technique for the assay of infectivity of human adenovirus 5 DNA," <i>Virology</i> , 52:456-467, 1973.
	C59	Graham <i>et al.</i> , "Characteristics of a human cell line transformed by DNA from human adenovirus type 5," <i>J. Gen. Virol.</i> , 36:59-72, 1977.
	C60	Graham, "Growth of 293 Cells in Suspension Culture," <i>J. Gen. Virol.</i> , 68:937-940, 1987.
	C61	Griffiths, "Overview of cell culture systems and their scale-up," <i>In: Animal Cell Biotechnology</i> , Vol. 3, p. 179-220, (Spier and Griffiths, eds.), Academic Press, London, 1986.
	C62	Harland and Weintraub, "Translation of mammalian mRNA injected into <i>Xenopus</i> oocytes is specifically inhibited by antisense RNA," <i>J. Cell Biol.</i> , 101:1094-1099, 1985.
	C63	Hay <i>et al.</i> , "Replication of adenovirus mini-chromosomes," <i>J. Mol. Biol.</i> , 175:493-510, 1984.
	C64	Hearing and Shenk, "Functional analysis of the nucleotide sequence surrounding the cap site for adenovirus type 5 region E1A messenger RNAs," <i>J. Mol. Biol.</i> , 167:809-822, 1983.
	C65	Hearing <i>et al.</i> , "Identification of a repeated sequence element required for efficient encapsidation of the adenovirus type 5 chromosome," <i>J. Virol.</i> , 61:2555-2558, 1987.
	C66	Hermonat and Muzycska, "Use of adenoassociated virus as a mammalian DNA cloning vector: Transduction of neomycin resistance into mammalian tissue culture cells," <i>Proc. Nat'l Acad. Sci. USA</i> , 81:6466-6470, 1984.
	C67	Huyghe <i>et al.</i> , "Purification of a type 5 recombinant adenovirus encoding human p53 by column chromatography," <i>Hum. Gene Ther.</i> , 6:1403-1416, 1995.
12	C68	Jones and Shenk, "Isolation of deletion and substitution mutants of adenovirus type 5," <i>Cell</i> , 13:181-188, 1978.

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Exam. Init.	Ref. Des.	Citation
R2	C69	Kamb <i>et al.</i> , "Analysis of the p16 gene ( <i>CDKN2</i> ) as a candidate for the chromosome 9p melanoma susceptibility locus," <i>Nature Genetics</i> , 8:22-26, 1994.
	C70	Kaneda <i>et al.</i> , "Increased expression of DNA cointroduced with nuclear protein in adult rat liver," <i>Science</i> , 243:375-378, 1989.
	C71	Klein <i>et al.</i> , "High-velocity microprojectiles for delivering nucleic acids into living cells," <i>Nature</i> , 327:70-73, 1987.
	C72	Kotani, "Serum-free production of adenoviral vectors for gene therapy," Williamsburg BioProcessing Conference, Nov. 18-21, 1996.
	C73	Kraft V., Tischer I, "Cell cycle-dependent multiplication of avian adenoviruses in chicken embryo fibroblasts," <i>Arch. Virol.</i> , 57: 243-54, 1978.
	C74	Larsson and Litwin, "The growth of polio virus in human diploid fibroblasts grown with cellulose microcarriers in suspension cultures," <i>Dev. Biol. Standard.</i> , 66:385-390, 1987.
	C75	Lentfer and Conde, "A rapid and inexpensive procedure for the purification of adenovirions," <i>Archives of Virology</i> , 56:189-193, 1978.
	C76	Levrero <i>et al.</i> , "Defective and nondefective adenovirus vectors for expressing foreign genes <i>in vitro</i> and <i>in vivo</i> ," <i>Gene</i> , 101:195-202, 1991.
	C77	Lin and Guidotti, "Cloning and expression of a cDNA coding for a rat liver plasma membrane ecto-ATpase," <i>J. Biol. Chem.</i> , 264:14408-14414, 1989.
	C78	Mann <i>et al.</i> , "Construction of a retrovirus packaging mutant and its use to produce helper-free defective retrovirus," <i>Cell</i> , 33:153-159, 1983.
	C79	Matsuura <i>et al.</i> , "Altered expression of e-cadherin in gastric cancer tissues and carcinomatous fluid," <i>Brit. J. Cancer</i> , 66:1122-1130, 1992.
	C80	McGrath <i>et al.</i> , "Retrovirus purification: method that conserves envelope glycoprotein and maximizes infectivity," <i>J. Virol.</i> , 25:923-927, 1978.
	C81	Mercer, "Cell cycle regulation and the p53 tumor suppressor protein," <i>Critic. Rev. Eukar. Gene Express.</i> 2:251-263, 1992.
R2	C82	Mizrahi, "Production of human interferons - an overview," <i>Proc. Biochem.</i> , (August):9-12, 1983.

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## Other Art (Including Author, Title, Date Pertinent Pages, Etc.)

Exam. Init.	Ref. Des.	Citation
22	C83	Montagnon, "Polio and rabies vaccines produced in continuous cell lines: a reality for vero cell line," <i>Develop. Biol. Standard.</i> , 70:27-47, 1989.
	C84	Morris <i>et al.</i> , "Serum-free production of adenoviral vectors for gene therapy," <i>Williamsburg BioProcessing Conference</i> , Nov. 18-21, 1996.
	C85	Nadeau <i>et al.</i> , <i>Biotechnology and Bioengineering</i> , 51:613-623, 1996.
	C86	Nicolas and Rubenstein, "Vectors: a survey of molecular cloning vectors and their uses," <i>In: Vectors: A Survey of Molecular Cloning Vectors and Their Uses</i> , Rodriguez and Denhardt, (eds.), Stoneham: Butterworth, 493-513, 1988.
	C87	Nicolau and Sene, "Liposome-mediated DNA transfer in eukaryotic cells," <i>Biochem. Biophys. Acta</i> , 721:185-190, 1982.
	C88	Nicolau <i>et al.</i> , "Liposomes as carriers for <i>in vivo</i> gene transfer and expression," <i>Methods Enzymol.</i> , 149:157-176, 1987.
	C89	Nilsson and Mosbach, "Immobilized animal cells," <i>Dev. Biol. Standard</i> , 66:183-193,
	C90	O'Neil and Balkovic, "Virus harvesting and affinity-based liquid chromatography," <i>Bio. Technol.</i> , 11:173-178, 1993.
	C91	Obrink, "C-CAM (cell-CAM 105) - a member of the growing immunoglobulin superfamily of cell adhesion proteins," <i>BioEssays</i> , 13:227-233, 1991.
	C92	Odin and Obrink, "Quantitative determination of the organ distribution of the cell adhesion molecule cell-CAM 105 by radioimmunoassay," <i>Exp. Cell Res.</i> , 171:1-15, 1987.
	C93	Okamoto <i>et al.</i> , "Mutations and altered expression of p16 <sup>INK4</sup> in human cancer," <i>Proc. Nat'l Acad. Sci. USA</i> , 91:11045-11049, 1994.
	C94	Orlow <i>et al.</i> , "Chromosome 9 allelic losses and microsatellite alterations in human bladder tumors," <i>Cancer Res.</i> , 54:2848-2851, 1994.
4	C95	Paskind <i>et al.</i> , "Dependence of moloney murine leukemia virus production on cell growth," <i>Virology</i> , 67:242-248, 1975.
22	C96	Payment <i>et al.</i> , <i>In: Biotechnology Current Progress</i> , ed. P.N. Cheremisinoff <i>et al.</i> , Technomic Publishing, 1991.

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**Other Art (Including Author, Title, Date Pertinent Pages, Etc.)**

Exam. Init.	Ref. Des.	Citation
22	C97	Perrin <i>et al.</i> , "An experimental rabies vaccine produced with a new BHK-21 suspension cell culture process: use of serum-free medium and perfusion-reactor system," <i>Vaccine</i> , 13(13): 1244-1250, 1995.
	C98	Petricciani, "Should continuous cell lines be used as substrates for biological products?" <i>Dev. Biol. Standard</i> , 66:3-12, 1985.
	C99	Phillips <i>et al.</i> , "Experience in the cultivation of mammalian cells on the 8000 1 scale," <i>In: Large Scale Mammalian Cell Culture</i> (Feder and Tolbert, eds.), Academic Press, Orlando, FL, U.S.A., 1985.
	C100	Potter <i>et al.</i> , "Enhancer-dependent expression of human k immunoglobulin genes introduced into mouse pre-B lymphocytes by electroporation," <i>Proc. Nat'l Acad. Sci. USA</i> , 81:7161-7165, 1984.
	C101	Provisional U.S. Patent Application Serial No. 60/026,667, Entitled: "METHOD FOR THE PRODUCTION OF RECOMBINANT ADENOVIRUSES," RPR File No. ST96021-U.S., Translated from the French by the Medical Documentation Service® Institute for Scientific Information® Philadelphia, Pennsylvania.
	C102	Renan, "Cancer genes: current status, future prospects, and applications in radiotherapy/ oncology," <i>Radiother. Oncol.</i> , 19:197-218, 1990.
	C103	Ridgeway, "Mammalian expression vectors," <i>In: Rodriguez RL, Denhardt DT, ed. Vectors: A survey of molecular cloning vectors and their uses.</i> Stoneham: Butterworth, pp. 467-492, 1988.
	C104	Rippe <i>et al.</i> , "DNA-mediated gene transfer into adult rat hepatocytes in primary culture," <i>Mol. Cell Biol.</i> , 10:689-695, 1990.
	C105	Roux <i>et al.</i> , "A versatile and potentially general approach to the targeting of specific cell types by retroviruses: application to the infection of human cells by means of major histocompatibility complex class I and class II antigens by mouse ecotropic murine leukemia virus-derived viruses," <i>Proc. Nat'l Acad. Sci. USA</i> , 86:9079-9083, 1989.
	C106	Serrano <i>et al.</i> , "Inhibition of ras-induced proliferation and cellular transformation by p16 <sup>INK4</sup> ," <i>Science</i> , 267:249-252, 1995.
2	C107	Shabram <i>et al.</i> , "Analytical anion-exchange HPLC of recombinant type-5 adenoviral particles," <i>Human Gene Therapy</i> , 8:453-465, 1997.
27	C108	Smith and Lee, "Large-scale isolation and partial purification of type C RNA viruses on hydroxyapatite," <i>Analytical Biochem.</i> , 86: 252-263, 1978.

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EXAMINER:

DATE CONSIDERED:

10/26/06

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U.S. Patent Documents <i>See Page 1</i>		Applicant Zheng Wu Shuyuan Zhang	
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Foreign Patent Documents <i>See Page 1</i>		Other Art <i>See Page 1</i>	

U.S. Patent Documents

INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

## Other Art (Including Author, Title, Date Pertinent Pages, Etc.)

Exam. Init.	Ref. Des.	Citation
12	C109	Takahasi <i>et al.</i> , "Wild-type but not mutant p53 suppresses the growth of human lung cancer cells bearing multiple genetic lesions," <i>Cancer Res.</i> , 52:2340-2342, 1992.
	C110	Temin, "Retrovirus vectors for gene transfer: efficient integration into and expression of exogenous DNA in vertebrate cell genomes," <i>In: Gene Transfer</i> , (Kucherlapati, ed.), Plenum Press, New York, pp. 149-188, 1986.
	C111	Trepanier <i>et al.</i> , <i>Journal of Virological Methods</i> , 3:201-211, 1981.
	C112	Tibbetts, "Viral DNA sequences from incomplete particles of human adenovirus type 7," <i>Cell</i> , 12:243-249, 1977.
	C113	Tur-Kaspa <i>et al.</i> , "Use of electroporation to introduce biologically active foreign genes into primary rat hepatocytes," <i>Mol. Cell Biol.</i> , 6:716-718, 1986.
	C114	Umbas <i>et al.</i> , "Expression of the cellular adhesion molecule E-cadherin is reduced or absent in high-grade prostate cancer," <i>Cancer Res.</i> , 52:5104-5109, 1992.
	C115	van Wezel, "Growth of cell-strains and primary cells on micro-carriers in homogeneous culture," <i>Nature</i> , 216:64-65, 1967.
	C116	Wagner <i>et al.</i> , "Transferrin-polycation conjugates as carriers for DNA uptake into cells", <i>Proc. Nat'l. Acad. Sci.</i> , 87(9):3410-3414, 1990.
	C117	Wagner <i>et al.</i> , "Antisense gene inhibition by oligonucleotides containing C-5 propyne pyrimidines," <i>Science</i> , 260:1510-1513, 1990.
	C118	Wang <i>et al.</i> , "High cell density perfusion culture of hybridoma cells for production of monoclonal antibodies in the celligen packed bed reactor," <i>In: Animal Cell Technology: Basic &amp; Applied Aspects</i> , (Kaminogawa <i>et al.</i> , eds), Kluwer Academic Publishers, Netherlands, vol. 5, pp. 463-469, 1993.
	C119	Wang <i>et al.</i> , "Modified CelliGen-packed bed bioreactors for hybridoma cell cultures," <i>Cytotechnol.</i> , 9:41-49, 1992.
	C120	Watt <i>et al.</i> , "Human prostate-specific antigen: structural and functional similarity with serine proteases," <i>Proc. Nat'l Acad. Sci.</i> , 83(2):3166-3170, 1986.
12	C121	Wills and Menzel, "Adenovirus Vectors for Gene Therapy of Cancer," <i>J. of Cellular Biochem.</i> , Suppl: 17E, S216:206, 1993.

25395625.1

EXAMINER:

DATE CONSIDERED:

EXAMINER: INITIAL IF REFERENCE CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED. INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.



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List of Patents and Publications for Applicant's INFORMATION DISCLOSURE STATEMENT  (Use several sheets if necessary)		Applicant Zheng Wu Shuyuan Zhang	
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**Other Art (Including Author, Title, Date Pertinent Pages, Etc.)**

Exam. Init.	Ref. Des.	Citation
PE	C122	Wong <i>et al.</i> , "Appearance of b-lactamase activity in animal cells upon liposome mediated gene transfer," <i>Gene</i> , 10:87-94, 1980.
PE	C123	Wu and Wu, "Evidence for targeted gene delivery to HepG2 hepatoma cells <i>in vitro</i> ," <i>Biochemistry</i> , 27:887-892, 1988.
PE	C124	Wu and Wu, "Receptor mediated <i>in vitro</i> gene transfections by a soluble DNA courier system," <i>J. Biol. Chem.</i> , 262:4429-4432, 1987.
PE	C125	Yang <i>et al.</i> , "In vivo and <i>in vitro</i> gene transfer to mammalian somatic cells by particle bombardment," <i>Proc. Nat'l Acad. Sci. USA</i> , 87:9568-9572, 1990.

25395625.1

EXAMINER:

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10/26/06

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## U.S. Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Name	Class	Sub Class	Filing Date of App.
R2	A1	4,797,368	1/10/89	Carter <i>et al.</i>	435	320	3/15/85
R2	A2	5,139,941	8/18/92	Muzycka <i>et al.</i>	435	172.3	10/25/91
R2	A3	5,552,309	9/3/96	March	435	172.3	9/30/94
R2	A4	5,789,244	8/4/98	Heidrum <i>et al.</i>	435	320.1	1/8/96

## Foreign Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Country	Class	Sub Class	Translation Yes/No
R2	B1	1279843	11/10/89	Japan			ABSTRACT
	B2	EPO 0273085	7/6/88	Europe			
	B3	WO 93/18790	9/30/93	PCT			
	B4	WO 94/17178	8/4/94	PCT			
	B5	WO 95/10601	4/20/95	PCT			
	B6	WO 95/19427	7/20/95	PCT			
	B7	WO 96/32116	10/17/96	PCT			
	B8	WO 98/22588	5/28/98	PCT			
	B9	WO 98/35554	8/20/98	PCT			
	B10	WO 99/12568	3/18/99	PCT			
	B11	WO 99/41416	8/19/99	PCT			
R2	B12	WO 00/34444	06/15/00	PCT			

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Applicant

Zheng Wu

Shuyuan Zhang

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Other Art

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## Other Art (Including Author, Title, Date Pertinent Pages, Etc.)

Exam. Init.	Ref. Des.	Citation
12	C1	Arap <i>et al.</i> , "Replacement of the p16/CDKN2 gene suppresses human glioma cell growth," <i>Cancer Res.</i> , 55:1351-1354, 1995.
	C2	Caldas <i>et al.</i> , "Frequent somatic mutations and homozygous deletions of the p16 (MTS1) gene in pancreatic adenocarcinoma," <i>Nat. Genet.</i> , 8:27-32, 1994.
	C3	Carver <i>et al.</i> , "Transgenic livestock as bioreactors: stable expression of human alpha-1-antitrypsin by a flock of sheep," <i>Biotechnology NY</i> , 11:1263-1270, 1993.
	C4	Cheng <i>et al.</i> , "p16 alterations and deletion mapping of 9p21-p22 in malignant mesothelioma," <i>Cancer Res.</i> , 54:5547-5551, 1994.
	C5	Cheung <i>et al.</i> , "Structure and function of C-CAM1," <i>J. Biol. Chem.</i> , 268:24303-24310, 1993.
	C6	Corveleyn and Remon, "Maltodextrins as lyoprotectants in the lyophilization of a model protein, LDH," <i>Pharm. Res.</i> , 13:146-150, 1996.
	C7	Croyle <i>et al.</i> , "Factors that influence stability of recombinant adenoviral preparations for human gene therapy," <i>Pharm. Dev. Technol.</i> , 3(3):373-383, 1998.
	C8	Ferkol <i>et al.</i> , "Regulation of the phosphoenolpyruvate carboxykinase/human factor IX gene introduced into the livers of adult rats by receptor-mediated gene transfer," <i>FASEB J.</i> , 7:1081-1091, 1993.
	C9	Fried and Bromberg, "Factors that affect the stability of protein-DNA complexes during gel electrophoresis," <i>Electrophoresis</i> , 18:6-11, 1997.
	C10	Hall <i>et al.</i> , "Stabilizing effect of sucrose against irreversible denaturation of rabbit muscle lactate dehydrogenase," <i>Biophys. Chem.</i> , 57:47-54, 1995.
	C11	Herman <i>et al.</i> , "The effect of bulking agent on the solid-state stability of freeze-dried methylprednisolone sodium succinate," <i>Pharm. Res.</i> , 11:1467-1473, 1994.
	C12	Hollestein <i>et al.</i> , "p53 mutations in human cancers," <i>Science</i> , 253:49-53 1991.
	C13	Hussussian <i>et al.</i> , "Germline p16 mutations in familial melanoma," <i>Nature Genetics</i> , 15-21, 1994.
	C14	Kamb <i>et al.</i> , "A cell cycle regulator potentially involved in genesis of many tumor types," <i>Science</i> , 267:436-440, 1994.
12	C15	Kato <i>et al.</i> , "Expression of Hepatitis B virus surface antigen in adult rat liver," <i>J. Biol. Chem.</i> , 266:3361-3364, 1991.

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EXAMINER:

DATE CONSIDERED:

10/26/06

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## Other Art (Including Author, Title, Date Pertinent Pages, Etc.)

Exam. Init.	Ref. Des.	Citation
12	C16	Kotani <i>et al.</i> , "Improved methods of retroviral vector transduction and production for gene therapy," <i>Human Gene Therapy</i> , 5:19-28, 1994.
	C17	Lu <i>et al.</i> , "Coat protein interactions involved in tobacco mosaic tobamovirus cross-protection," <i>Virology</i> , 248:188-198, 1998.
	C18	Lueckel <i>et al.</i> , "Formulations of sugars with amino acids or mannitol--influence of concentration ratio on the properties of the freeze-concentrate and the lyophilizate," <i>Pharm. Dev. Technol.</i> , 3:326-336, 1998.
	C19	Mori <i>et al.</i> , "Frequent somatic mutation of the <i>MTS1/CDK4I</i> (Multiple Tumor suppressor/Cyclin dependent Kinase 4 Inhibitor) gene in esophageal squamous cell carcinoma," <i>Cancer Res.</i> , 54:3396-3397, 1994.
	C20	Nobori <i>et al.</i> , "Deletions of the cyclin-dependent kinase-4 inhibitor gene in multiple human cancers," <i>Nature</i> , 368:753-756, 1995.
	C21	Perales <i>et al.</i> , "Gene transfer <i>in vivo</i> : sustained expression and regulation of genes introduced into the liver by receptor-targeted uptake," <i>Proc. Natl. Acad. Sci. USA</i> , 91:4086-4090, 1994.
	C22	Racher <i>et al.</i> , "Culture of 293 cells in different culture systems: cell growth and recombinant adenovirus production," <i>Biotechnology Techniques</i> , 9:169-174, 1995.
	C23	Sagrera <i>et al.</i> , "Study of the influence of salt concentration on Newcastle disease virus matrix protein aggregation," <i>Biochem. Mol. Biol. Int.</i> , 46:429-435, 1998.
	C24	Serrano <i>et al.</i> , "Inhibition of ras-induced proliferation and cellular transformation by p16 <sup>INK4</sup> ," <i>Science</i> , 267:249-252, 1995.
	C25	Vanlandschoot <i>et al.</i> , "pH-dependent aggregation and secretion of soluble monomeric influenza hemagglutinin," <i>Arch. Virol.</i> , 143:227-239, 1998.
	C26	Vossen and Fried, "Sequestration stabilizes lac repressor-DNA complexes during gel electrophoresis," <i>Anal. Biochem.</i> , 245:85-92, 1997.
	C27	Weinberg, "Tumor suppressor genes," <i>Science</i> , 254:1138-1146, 1991.
4	C28	Wu and Wu, "Liver-directed gene," <i>Adv. Drug Delivery Rev.</i> , 12:159-167, 1993.
12	C29	Co-pending patent application U. S. Serial No: 08/975,519

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EXAMINER:

DATE CONSIDERED:

10/26/06

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